

13 *Sub 1*
14 *CI* a scheduler that schedules [scheduling means for scheduling] the jobs of each
15 [the] said job [monitoring means] monitor.

1 2. (ONCE AMENDED) The system according to claim 1, further comprising[:]
2 a job storage [means for storing] that stores a job definition form [that defines the
3 period, members, processes, and resources allocated to each job carried out by each
4 group,] containing previously defined information indicating rights to use the
5 resources.

6 *A1* wherein said resource manager [the resource managing means], job
7 [monitoring means] monitor, and [scheduling means exchanging the] scheduler
8 exchange rights to use the resources among the groups according to the job
9 definition form.

1 3. (ONCE AMENDED) The system according to claim 1, further comprising[:]
2 a rearranging [means] unit that manages and rearranges [for managing and
3 rearranging] the members and resources of the groups according to [the] progress of
4 the jobs, [the] wherein said job [monitoring means monitoring] monitor monitors the
5 jobs and resources of the groups according to information from said rearranging unit
6 [the rearranging means].

1 4. (ONCE AMENDED) The system according to claim 1, wherein [further
2 comprising]:
3 an emergency group [that] is allowed to access every resource of every
4 group[,]; and
5 said job monitor accepts [the job monitoring means permitting] any request
6 from the emergency group for accessing a resource.

1 5. (ONCE AMENDED) The system according to claim 1, wherein [the] said
2 job [monitoring means has means for] monitor performs at least one of transferring a

3 resource from one of the groups to another[, or] group and automatically changing
4 the resources of any one of the groups according to a procedure.

1 6. (ONCE AMENDED) The system according to claim 1, further comprising
2 [means for using a telephone to call and ask,] a request unit that, when a first group
3 makes a request to use a resource of a second group, requests the second group for
4 permission to use the resource.

AC/ 7. (ONCE AMENDED) The system according to claim 6, [comprising means
2 for using] wherein said request unit uses one of a telephone and a pager to [call and
3 ask] request the second group for permission to use the resource.

1 8. (ONCE AMENDED) The system according to claim 6, [comprising means
2 for using] wherein said request unit uses one of a telephone, a notebook computer,
3 an electronic notepad, [or] and a workstation through one of a wide-area network, a
4 personal computer communication network, [or] and a wireless
5 network to [call and ask] request the second group for permission to use the
6 resource.

1 9. (ONCE AMENDED) The system according to claim 6, further comprising a
2 visual I/O [means such as a television camera] unit and an audio I/O [means such as
3 a microphone to call and ask] unit to request the second group for permission to use
4 the resource.

1 10. (ONCE AMENDED) The system according to claim 6, further comprising:
2 an input device, [means such as a sensor or a transmitter] attached to a
3 selected member of the second group, for identifying and locating the member[,]; and
4 a positioning [means such as a television camera for photographing] unit
5 generating an image of the selected member, [the] said input [means] unit and

6 positioning [means] unit being used to directly [ask] request the member of the
7 second group for permission to use the resource.

1 11. (ONCE AMENDED) The system according to claim 6, wherein [the] said
2 job [monitoring means has means for holding] monitor holds the schedules of the jobs
3 of the groups and [exchanging] exchanges the jobs among the groups.

12. (ONCE AMENDED) The system according to claim 6, wherein [the job
2 monitoring means has means for limiting] said job monitor limits the location, period,
3 and group to handle a resource, to thereby strictly maintain the security of the
4 resource.

1 13. (ONCE AMENDED) The system according to claim 6, wherein [the job
2 monitoring means has means for indicating] said job monitor indicates whether
3 permission [of the] for use of the resource is to be granted upon approval of all or
4 some of the members of the second group.

1 14. (ONCE AMENDED) The system according to claim 6, wherein [the job
2 monitoring means has means for adding the] said job monitor adds a name of a
3 group to which a resource belongs to [the] a name of the resource, whereby [so that
4 the groups may have] plural resources having the same name can be allocated to the
5 group.

1 15. (ONCE AMENDED) The system according to claim 6, wherein [the job
2 monitoring means has means for allocating] said job monitor allocates a
3 representative name to a set of resources and identically [handling] handles the
4 resources under the representative name.

1 16. (ONCE AMENDED) The system according to claim 10, wherein [the input
2 means] said input device is a virtual-reality device attached to the selected member,
3 to identify the location of the member.

1 17. (ONCE AMENDED) The system according to claim 10, wherein [the input
2 means] said input device is a head-mount display worn by the selected member so
3 that the member may give permission to use the resource.

1 18. (ONCE AMENDED) The system according to claim 10, wherein [the input
2 means] said input device is provided with at least one of a password [or] and an ID,
3 to prevent illegal access to [the input means] said input device.

1 *Redeem* [Please ADD the following new claims 25-32:]

2 *A2* ~~17~~¹⁹ (NEW) The system according to claim 9, wherein:
3 said visual I/O unit is a television camera; and
said audio I/O unit is a microphone.

2 *Conf* ~~25~~²⁰ (NEW) The system according to claim 10, wherein:
3 said input unit is one of a sensor and a transmitter; and
said positioning unit is a television camera.

1 ~~27~~²¹ (NEW) A method for groupwise resource management, the
2 method comprising:
3 managing resources allocated to each of a plurality of groups of workers
4 carrying out jobs using computers, each resource allocated to a group being further
5 allocated for use by workers of the group in performing a corresponding job to be
6 carried out by the group;
7 monitoring the jobs carried out by each group;
8 maintaining security of each of the resources allocated to the groups;

9 inhibiting access to a resource of a first group from another group to which
10 permission to use the resource of the first group is not allocated; and
11 scheduling the jobs carried out by each group in accordance with a procedure
12 specific to the group and information provided through monitoring the jobs.

1 *rule 1.57/22* 28. (NEW) The method according to claim 27, further comprising
2 storing a job definition form containing previously defined information indicating rights
3 to use the resources.

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2 *rule 1.57/23* 29. (NEW) The method according to claim 28, wherein the previously
3 defined information identifies for each job carried out by each group at least one of a
4 job period, group members, processes, and resources allocated to the job carried out
by the group.

1 *rule 1.57/24* 30. (NEW) A computer-readable medium encoded with a program for
2 groupwise resource management, said program including the functions of:

3 managing resources allocated to each of a plurality of groups of workers
4 carrying out jobs using computers, each resource allocated to a group being further
5 allocated for use by workers of the group in performing a corresponding job to be
6 carried out by the group;

7 monitoring the jobs carried out by each group;

8 maintaining security of each of the resources allocated to the groups;

9 inhibiting access to a resource of a first group from another group to which
10 permission to use the resource of the first group is not allocated; and
11 scheduling the jobs carried out by each group in accordance with a procedure
12 specific to the group and information provided through monitoring the jobs.

1 *Rule 1.57/25* 31. (NEW) The computer readable medium of claim 30, wherein the
2 previously defined information identifies for each job carried out by each group at